

Amendments to the claims

1-22 (Canceled)

23. (Currently amended) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass sheets spaced apart by a perimeter spacer; the first and second glass sheets and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar extending away from the perimeter spacer to divide the insulating chamber into separate portions lites to provide a divided-lite appearance to the glazing unit; the internal muntin bar having a rigid inner muntin grid element; and and a flexible, collapsible outer muntin grid element; the inner muntin grid element having longitudinal edges and longitudinal sides; when separated from the inner muntin grid element, the collapsible outer muntin grid element being capable of being collapsed upon itself to a collapsed position and reopened to an open position wherein the outer muntin grid element defines a longitudinal opening; and

the outer muntin grid element substantially surrounding the inner muntin grid element to hide the longitudinal edges and longitudinal sides of the inner muntin grid element from view on both sides of the insulating glazing unit.

24. (Previously presented) The unit of claim 23, wherein the outer muntin grid element is fabricated from a foam material.

25. (Previously presented) The unit of claim 24, wherein the outer muntin grid element has a desiccant.

26. (Currently amended) The unit of claim 23, wherein A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:
first and second spaced glass sheets spaced apart by a perimeter spacer; the first and second glass sheets and spacer defining an insulating chamber;
an internal muntin bar disposed inside the insulating chamber; the internal muntin bar extending away from the perimeter spacer to divide the insulating chamber into separate portions to provide a divided-lite appearance to the glazing unit;
the internal muntin bar having a rigid inner muntin grid element and a flexible, collapsible outer muntin grid element;
when separated from the inner muntin grid element, the collapsible outer muntin grid element being capable of being collapsed upon itself to a collapsed position and reopened to an open position wherein the outer muntin grid element defines a longitudinal opening;
the outer muntin grid element substantially surrounding the inner muntin grid element to hide the inner muntin grid element from view on both sides of the insulating glazing unit;
the outer muntin grid element has having a longitudinal direction; the outer muntin grid element defining a longitudinal slit; the slit being closed when the outer muntin grid element is in its open position.

27. (Previously presented) The unit of claim 26, wherein the outer muntin grid element defines opposed longitudinal ends that define the slit; the opposed longitudinal ends being configured to overlap each other to close the slit.

28. (Previously presented) The unit of claim 23, wherein the outer muntin grid element is in the form of a continuous tube disposed around the inner muntin grid element.

29. (Previously presented) The unit of claim 23, wherein the outer muntin grid element is connected to the inner muntin grid element with a connector.

30. (Previously presented) The unit of claim 23, wherein the outer muntin grid element includes at least one protruding foot that increases the width of the outer muntin grid element; the foot protruding in a direction perpendicular to the first and second glass sheets.

31. (Canceled)

32. (Previously presented) The unit of claim 23, wherein the outer muntin grid element is resilient.

33. (Currently amended) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass sheets spaced apart by a perimeter spacer; the glass sheets and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar extending away from the perimeter spacer to divide the insulating chamber into separate portions lites to provide a divided-lite appearance to the glazing unit;

the internal muntin bar having an inner muntin grid element and an outer muntin grid element; and

the outer muntin grid element surrounding ~~at least three sides of~~ the inner muntin grid element; the outer muntin grid element being a collapsible and resilient flexible tube having an inner surface and an outer surface; the collapsible tube being capable of being collapsed upon itself and reopened to a tube form.

34-35. (Canceled)

36. (Currently amended) The unit of claim 34 33, wherein the tube defines a longitudinal slit that allows the tube to be wrapped around the inner muntin grid element; the slit extending from the inner surface to the outer surface of the outer muntin grid element.

37. (Previously presented) The unit of claim 33, wherein the outer muntin grid element is fabricated from a foam material.

38. (Previously presented) The unit of claim 37, wherein the foam material includes a desiccant.

39. (Currently amended) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass sheets spaced apart by a perimeter spacer; the first and second glass sheets and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar extending away from the perimeter spacer to divide the insulating chamber into separate portions lites to provide a divided-lite appearance to the glazing unit; the internal muntin bar having:

an inner muntin grid element;

an outer muntin grid element having an inner surface and an outer surface;

the outer muntin grid element being in the form of a tube disposed around the inner muntin grid element to hide the inner muntin grid element from view on both sides of the window unit when the muntin grid piece is installed; and

the tube having a sidewall and defining a longitudinal slit that allows the tube to be opened and wrapped around the inner muntin grid element; the slit extending from the inner surface to the outer surface through the sidewall of the tube.

40. (Previously presented) The unit of claim 39, wherein the outer muntin grid element is fabricated from a foam material.

41. (Previously presented) The unit of claim 40, wherein the outer muntin grid element has a desiccant.

42. (Previously presented) The unit of claim 39, wherein the slit in the outer muntin grid element defines opposed ends; the opposed ends being angled away from each other.

43. (Previously presented) The unit of claim 39, wherein the tube is collapsible and resilient.

44. (Currently amended) In combination, an inner muntin grid element and an outer muntin grid element used to form a muntin grid piece in a simulated divided lite window having an insulating chamber; the muntin grid piece being disposed within the insulating chamber of the simulated divided lite window; the outer muntin grid element being adapted to fold around the inner muntin grid element; the inner muntin grid element having a longitudinal direction, a plurality of spaced corners and a cross sectional perimeter dimension measured about a cross section viewed normal to the longitudinal direction of the inner muntin grid element; the combination comprising:

an outer muntin grid element having a body having a width and a longitudinal direction;

the body having spaced longitudinal ends that define the width of the body;

the width being substantially equal to the cross sectional perimeter dimension of the inner muntin grid element; and

the body defining one corner notch for each corner of the inner muntin grid element, each of the corner notches extending into the body of the outer muntin grid element; the corner notches being spaced apart to align with the corners of the inner muntin grid element when the body is wrapped around the inner muntin grid element.

45. (Previously presented) The combination of claim 44, wherein the body is flexible.

46. (Previously presented) The combination of claim 45, wherein the body is resilient.

47. (Previously presented) The combination of claim 46, wherein the body is fabricated from a foam.

48. (Previously presented) The combination of claim 47, wherein the foam includes a desiccant.

49. (Previously presented) The combination of claim 44, further comprising an adhesive connected to the body; the adhesive adapted to connect the body to the inner muntin grid element when the body is wrapped around the inner muntin grid element.

50-68. (Canceled)

69. (New) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass sheets spaced apart by a perimeter spacer; the first and second glass sheets and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar dividing the insulating chamber into separate portions to provide a divided-lite appearance to the glazing unit;

the internal muntin bar having a rigid inner muntin grid element and an outer muntin grid element; the outer muntin grid element being fabricated from a non-metallic foam material;

the inner muntin grid element having longitudinal edges and longitudinal sides; and

the outer muntin grid element being a unitary tube that encloses the inner muntin grid element to hide the longitudinal edges and longitudinal sides of the inner muntin grid element from view on both sides of the insulating glazing unit.

70. (New) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass sheets spaced apart by a perimeter spacer; the first and second glass sheets and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar dividing the insulating chamber into separate lites to provide a divided-lite appearance to the glazing unit;

the internal muntin bar having a rigid inner muntin grid element and an outer muntin grid element;

the inner muntin grid element having longitudinal edges and longitudinal sides;

the outer muntin grid element surrounding the inner muntin grid element to hide the longitudinal edges and longitudinal sides of the inner muntin grid element from view on both sides of the insulating glazing unit; and

the outer muntin grid element having a longitudinal direction; the outer muntin grid element defining a slit extending along the longitudinal dimension of the outer muntin grid element; the slit allowing the outer muntin grid element to be opened and wrapped around the inner muntin grid element.